AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of claims:

- 1. (Currently Amended) Apparatus for distal protection during a medical procedure, the apparatus comprising a vascular filter having a resiliently expandable foam body made of a resilient expandable foam allowing blood passage therethrough while preventing passage of particles above a predetermined size, the body including that defines one or more recesses adapted configured for capturing emboli.
- 2. (Original) The apparatus of claim 1, further comprising an elongated member having a distal region, wherein the vascular filter is coupled to the distal region.
- 3. (Currently Amended) The apparatus of claim 2,-wherein the elongated member comprises a guide wire extending longitudinally through the body and coupled to the body.
- 4. (Original) The apparatus of claim 1, wherein the foam comprises a sponge-like material having a multiplicity of pores.
- 5. (Previously Presented) The apparatus of claim 4, wherein the multiplicity of pores have a diameter greater than about 5 μ m.
- 6. (Previously Presented) The apparatus of claim 5, wherein the pores have a diameter between 30 and 100 μm .
- 7. (Previously Presented) The apparatus of claim 6, wherein the pores have a diameter between 60 and $80 \mu m$.

- 8. (Original) The apparatus of claim 1, wherein the foam comprises a foam fabricated from a material chosen from the group consisting of latex, silicone, polyethylene, polyurethane, polycarbonate, polyvinyl chloride, polystyrene, polypropylene, polyester, and combinations thereof.
- 9. (Original) The apparatus of claim 1, wherein the vascular filter has a length that is greater than or equal to 1½ times a maximum width of the filter.
- 10. (Original) The apparatus of claim 9, wherein the length of the vascular filter is greater than or equal to 2 times the maximum width of the filter.
- 11. (Original) The apparatus of claim 1, wherein the foam body defines a plurality of neighboring recesses and includes partitions disposed between the neighboring recesses.
- 12. (Currently Amended) The apparatus of claim 11, wherein the partitions have a line of union, the apparatus comprises an elongated member, and the filter is coupled to the elongated member along the line of union of the partitions.
- 13. (Currently Amended) The apparatus of claim 12, wherein the partitions taper proximal of the recesses.
- 14. (Withdrawn) The apparatus of claim 2, wherein the filter is longitudinally, but not rotationally, constrained with respect to the elongated member.
- 15. (Original) The apparatus of claim 1, wherein the filter is resiliently expandable from a collapsed delivery configuration adapted for use with a delivery system, to an expanded deployed configuration adapted for engagement with the interior wall of a patient's vessel.

- 16. (Withdrawn) The apparatus of claim 15 further comprising a delivery system having a delivery sheath, the filter disposed in a collapsed delivery configuration within the delivery sheath.
- 17. (Withdrawn) The apparatus of claim 15 further comprising a delivery system having a removable suture, the suture disposed about the filter to maintain the filter in the delivery configuration.
- 18. (Withdrawn) The apparatus of claim 15, wherein a proximal end of the one or more recesses is closed when the filter is in the collapsed configuration, thereby preventing emboli captured within the recesses from escaping.
- 19. (Currently Amended) The apparatus of claim 2, further comprising a radiopaque feature coupled to the apparatus.
- 20. (Currently Amended) The apparatus of claim 2, further comprising an interventional device in communication with the apparatus.
- 21. (Currently Amended) The apparatus of claim 20, wherein the interventional eatheter device comprises a balloon catheter.
- 22. (Original) The apparatus of claim 1, wherein the filter further comprises a non-stick coating.
- 23. (Original) The apparatus of claim 22, wherein the non-stick coating is chosen from the group consisting of silicone and polytetrafluoroethylene.
- 24. (Withdrawn) A method for distal protection during a medical procedure, the method comprising: providing apparatus comprising a vascular filter having a resiliently expandable foam body defining one or more recesses adapted for capturing emboli, the vascular filter coupled to an elongated member; disposing the apparatus in a contracted delivery

configuration; advancing the apparatus to a target site within a patient's vessel; and resiliently expanding the apparatus to an expanded deployed configuration in which the filter seals against an internal wall of the patient's vessel.

- 25. (Withdrawn) The method of claim 24, wherein disposing the apparatus in the contracted delivery configuration further comprises constraining the apparatus with a delivery system.
- 26. (Withdrawn) The method of claim 25, wherein constraining the apparatus with a delivery system further comprises positioning the apparatus within a delivery sheath.
- 27. (Withdrawn) The method of claim 25, wherein constraining the apparatus with a delivery system comprises constraining the apparatus with a removable suture.
- 28. (Withdrawn) The method of claim 25, wherein resiliently expanding the filter further comprises removing the delivery system from the filter.
- 29. (Withdrawn) The method of claim 24 further comprising: providing an interventional device for performing a medical procedure, the interventional device having a guide wire lumen; percutaneously and transluminally advancing the interventional device along the elongated member to a position within the patient's vessel proximal of the apparatus; performing the medical procedure, the apparatus capturing emboli released during the procedure within the recesses of the vascular filter; collapsing the apparatus within the guide wire lumen of the interventional device for retrieval; and removing the interventional device and apparatus from the patient's vessel.
- 30. (Withdrawn) The method of claim 29, wherein the interventional device comprises a balloon catheter.

31. (Currently Amended) Apparatus for distal protection during a medical procedure, the apparatus comprising a vascular filter having a resiliently expandable body defining one or more recesses adapted for capturing emboli,

wherein the body comprises a material selected from the group consisting of foam, resiliently elastic materials, rubber, silicone rubber, latex foam, urethane foam, the material allowing blood passage therethrough while preventing passage of particles above a predetermined size. sintered spheres, a hollow tube, or a thin-walled tube.

32. (Previously Presented) The apparatus of claim 31, further comprising a filter material attached to the resiliently expandable body to filter material passing into the one or more recesses.